

POWER TRANSFORMER ADAPTER SPECIFICATION

TYPE: EL-41 TRANSFORMER

A. ELECTRICAL DATA

1. Rating

WINDING	PRIMARY VOLTAGE & FREQUENCY	SECONDARY	VOLTAGE
		LOADING	NO LOAD
PRIMARY	115/230 V 60/50HZ		
SECONDARY		12/24 V @ AC 500/250 mA	14.2/28.4V

TOLERANCE: $\pm 5\%$

2. Primary Exciting Current: Input 115/230 V 60/50 Hz, (Secondary No Load)

I_o : 40 m A Max., (Secondary Load A.C. 500/250 mA) I_L 90 m A Max

3. Voltage Regulation: 25 %, Efficiency : 60 %

4. Ripple & Noise Voltage: Vp-p

5. D.C. Resistance: Pri: 496 Ohm $\pm 20\%$, Sec: Ohm $\pm 20\%$

6. Input Watts: 10 Watts

7. Temperature Rising: 75 °C MAX With Resistance method. At 4 hour.

8. Insulation Resistance: 500 VDC 100 M Ω MIN

9. Hi-pot Test: 1200 V AC For 1 MINUTE between PRI. and SEC.

SEC to core 600 without breakdown at 1 m A AC current

10. Safety Approved :

B. MATERIAL:

1. Bobbin : Material N-66

2. Lead wire: AWG#

3. CORE : Sige H50N silicon steel core

4. Fuse :

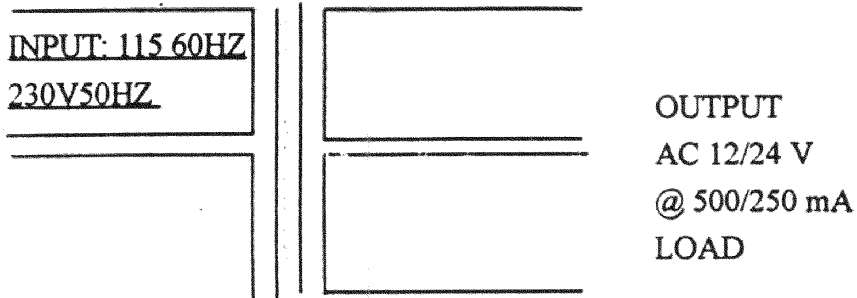
5. Impregnation : ☐ Wax V ☐ Varnish

6. Transformer:

Lead Wire Specification:

NoD is.	#1	#2	#3	#4	#5	#6	#7	#8	#9
Color	TMNL	TMNL	TMNL	TMNL					
Length									
Stripped									
Tinned									
Style									
AWG									
Sol/St									

7. Test Circ



APPROVED BY: H. S. -LIOW